Choose the best answer.

1. Which has the same value as 5×4? (4-1)

   A $5 + 4$

   B $4 + 4 + 4 + 4$

   C $5 + 5 + 5 + 5 + 5$

   D $4 + 4 + 4 + 4 + 4$

2. Ken set up his pieces on the checker board as shown below. Which number sentence would find how many checker pieces Ken put on the checker board? (4-2)
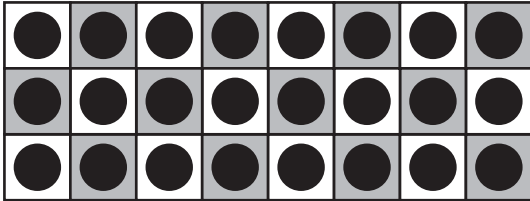
   A $8 + 3 = \blacksquare$

   B $3 \times 8 = \blacksquare$

   C $3 + 8 = \blacksquare$

   D $8 - 3 = \blacksquare$

3. Which story could be solved with 3×9? (4-4)

   A Lin bought 3 bags of oranges. Each bag had 9 oranges. How many oranges did Lin buy?

   B Sal has 3 red blocks and 9 green blocks. How many blocks does Sal have in all?

   C Ari has 9 baby carrots to eat. He has eaten 3 of them. How many does he have left?

   D Luz has 3 pages in her album. She has 9 stickers. How many stickers can she put on each page?

4. Which number makes the second number sentence true? (4-3)

$8 \times 4 = 32$

$4 \times \blacksquare = 32$

   A 32

   B 12

   C 8

   D 4

Name _____

5. Which is a multiplication sentence for this repeated addition? (4-1)

$9 + 9 + 9 + 9 + 9 + 9 + 9$

A 5×9

B 6×9

C 7×9

D 9×9

**6.** Ashanti is buying balloons for a party. Each package has 6 balloons. How does the number of balloons change as the number of packages increase by 1? (4-5)

Packages	1	2	3	4	5
Balloons	6	12	18	24	30

A There are 30 more balloons for each additional package.

B There are 30 fewer balloons for each additional package.

C There are 6 more balloons for each additional package.

D There are 6 fewer balloons for each additional package.

7. Write a repeated addition sentence for 6×3. (4-1)

8. Renee made a poster of leaves she collected and arranged them in the pattern shown. Write a number sentence that best shows how she displayed the leaves. (4-2)
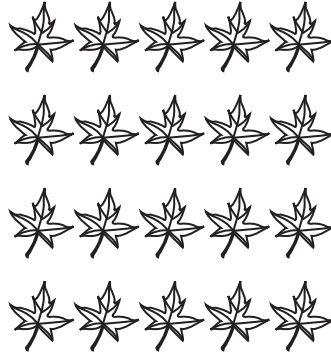
9. Write a story that could be solved with 5×8. (4-4)

_____

10. Meagan has a new sticker book. She fills the book with a 4×3 array of stickers. How many stickers does Meagan have in all? (4-2)

_____

Name _____

11. How can knowing that $7 \times 15 = 105$ help you find the answer to 15×7? Explain. (4-3)

_____

_____

12. Complete the number sentence. (4-1)

$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = \square \times 3$

13. Madison works at the museum for 6 months. If her work hours continue in this pattern, how many hours will she work in June? Explain. (4-5)

Month	Number of Hours
January	10
February	20
March	30
April	40
May	■
June	■

_____

_____

14. Which number makes the number sentence true? (4-3)

$5 \times 6 = 30$
$6 \times \square = 30$

15. Can you write $3 + 4 + 5 = 12$ as a multiplication sentence? Explain. (4-4)

_____

_____

16. Molly collected shells at the beach and arranged them in 4 rows. She put 6 shells in each row. How many shells did Molly have in all? (4-2)

17. Stanley has 3 packages of markers. There are 8 markers in each package. Write and solve a multiplication sentence to find how many markers Stanley has. (4-4)

_____

_____

18. Petra earns $2 setting the table and $4 for washing dishes. How much will Petra earn if she sets the table and washes the dishes 3 times each? Explain how you can find the answer using a table. (4-5)

Setting the Table	$2	$4	$6
Washing Dishes	$4	$8	$12

_____

_____